| <br> | Claims |  |
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|      |        |  |

| Appli | catior | ı/Contr | ol No. |
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10/776,475

Examiner

Daniel J. Petkovsek

Applicant(s)/Patent under Reexamination

**GUNN ET AL.** 

Art Unit

2874

| √  | Rejected |
|----|----------|
| II | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       | aim      | Date     |  |   |           | Claim Date |          |                 |   |           |          |          |                |              | 7               |          | nim      | Date     |              |   |   |                 |            |   |                 |           |           |          |          |          |          |           |
|-------|----------|----------|--|---|-----------|------------|----------|-----------------|---|-----------|----------|----------|----------------|--------------|-----------------|----------|----------|----------|--------------|---|---|-----------------|------------|---|-----------------|-----------|-----------|----------|----------|----------|----------|-----------|
| Ci    |          | -        |  |   |           |            |          |                 |   |           | ł        |          | aim            | -            |                 | _        |          | Jale     | <del>,</del> | ī   |   | $\dashv$        |            |   |                 |           |           |          |          |          |          |           |
| Final | Original | 11/14/06 |  |   |           |            |          |                 |   |           | Final    | Original | 11/14/06       |              |                 |          |          |          |              |   |   | Final           | Original   |   |                 |           |           |          |          |          |          |           |
| 1     | 1        | =        |  | T | 十         | _          |          |                 |   | П         | 50       | 51       | =              |              |                 | 寸        | 7        | $\top$   | $\dashv$     |   | 1 |                 | 101        |   | $\vdash$        | _         |           |          |          | 十        | ᅥ        | $\exists$ |
| •     | 2        |          |  | + | 十         | 7          |          |                 |   | П         | 51       | 52       | =              | $\vdash$     | $\dashv$        |          | 寸        | $\top$   | 7            |   | 1 | <u> </u>        | 102        |   | H               | $\neg$    |           | $\neg$   | $\neg$   | _        | $\dashv$ |           |
| 2     | 3        | =        |  | T | 十         | _          |          |                 |   | Н         |          | 53       | <b>†</b>       |              |                 | 寸        | 7        | _        | 7            | $\neg$  | 1 |                 | 103        |   | H               | $\neg$    |           |          |          |          | $\dashv$ | $\dashv$  |
| 3     | 4        | =        |  | † | $\forall$ | ┪          |          |                 |   |           |          | 54       | T              |              |                 | T        | _        | +        | ┪            | $\neg$  | 1 |                 | 104        |   | П               | $\exists$ |           |          |          |          | $\dashv$ | $\neg$    |
| 4     | 5        | =        |  | T | T         | 一          | 一        |                 |   | П         |          | 55       | T              |              | $\neg$          |          | $\dashv$ | 十        | 7            |   | 1 |                 | 105        |   | H               | ┪         |           |          |          | $\dashv$ | $\dashv$ | _         |
| 5     | 6        | =        |  | Ť | $\top$    | 寸          |          |                 |   |           |          | 56       |                | _            | $\Box$          |          | 寸        | 十        | $\exists$    | $\neg$  | 1 |                 | 106        |   | H               |           |           |          |          | $\neg$   | コ        | $\neg$    |
| 6     | 7        | =        |  | 1 | $\top$    | $\neg$     |          |                 |   |           |          | 57       |                |              |                 | $\neg$   | 寸        | 寸        | ┪            |   | 1 |                 | 107        |   | П               | $\neg$    |           |          |          |          | ヿ        |           |
| 7     | 8        | =        |  | T | $\top$    | 寸          | $\neg$   |                 |   |           |          | 58       |                |              |                 |          | 寸        | 7        | ┪            |   | 1 |                 | 108        |   | П               |           |           |          |          | T        |          | $\neg$    |
| 8     | 9        | =        |  | T | T         |            |          |                 |   | $\Box$    |          | 59       |                | -            |                 |          | $\dashv$ | $\neg$   |              |   | 1 |                 | 109        |   |                 |           |           |          |          | T        | $\neg$   |           |
| 9     | 10       | =        |  | T |           | $\neg$     |          |                 |   |           |          | 60       |                |              |                 |          | ヿ        | $\neg$   | $\neg$       | $\neg$  | 1 |                 | 110        | - |                 |           |           |          |          |          | $\neg$   |           |
| 10    | 11       | =        |  | T | 7         | Î          |          |                 |   |           |          | 61       |                |              |                 |          | 丁        |          |              | $\top$  |   |                 | 111        |   |                 | $\neg$    |           |          |          |          | $\neg$   | $\neg$    |
| 11    | 12       | =        |  | T |           |            |          |                 |   |           |          | 62       |                |              |                 |          |          |          |              | $\Box$  |   |                 | 112        |   | П               |           |           |          |          |          |          |           |
| 12    | 13       | 11       |  | Ι |           |            |          |                 |   |           |          | 63       |                |              |                 |          |          |          |              |   | ] |                 | 113        |   |                 |           |           |          |          |          |          |           |
| 13    | 14       |          |  | Ι | Ι         |            |          |                 |   |           |          | 64       |                |              |                 |          |          |          | J            |   | ] |                 | 114        |   |                 |           |           |          |          |          |          |           |
| 14    | 15       | =        |  | Τ |           |            |          |                 |   |           |          | 65       |                |              |                 |          | $\Box$   |          |              |   | ] |                 | 115        |   |                 |           |           |          |          |          |          |           |
| 15    | 16       | II       |  |   | Ţ         |            |          |                 |   |           |          | 66       |                |              |                 |          |          |          |              |   | ] |                 | 116        |   |                 |           |           |          |          |          |          |           |
| 16    | 17       | II       |  | L |           |            |          |                 |   |           |          | 67       |                |              |                 |          |          |          |              |   | ] |                 | 117        |   |                 |           |           |          |          |          |          |           |
| 17    | 18       | II       |  | L |           |            |          |                 |   |           |          | 68       | Ì              |              |                 | [        | [        | $\perp$  |              |   | ] |                 | 118        |   |                 |           |           |          |          |          |          |           |
| 18    | 19       | II       |  |   |           |            |          |                 |   |           |          | 69       |                |              |                 |          |          |          |              |   | ] |                 | 119        |   |                 |           |           |          |          |          |          |           |
| 19    | 20       | 11       |  |   |           |            |          |                 |   |           |          | 70       |                |              |                 |          |          |          |              |   |   |                 | 120        |   |                 |           |           |          |          |          |          |           |
| 20    | 21       | ı        |  |   |           |            |          |                 |   |           |          | 71       |                |              |                 |          |          |          |              |   |   |                 | 121        |   |                 |           |           |          |          |          |          |           |
| 21    | 22       | 11       |  |   |           |            |          |                 |   |           |          | 72       |                |              |                 |          |          |          |              |   |   |                 | 122        |   |                 |           |           |          |          |          |          |           |
| 22    | 23       | =        |  | L |           |            |          |                 |   |           |          | 73       |                |              |                 |          |          |          |              |   |   |                 | 123        |   |                 |           |           |          |          |          |          |           |
| 23    | 24       | =        |  |   | ┙         | $\perp$    |          |                 |   |           | L        | 74       |                |              |                 |          |          |          |              |   |   |                 | 124        |   |                 |           |           |          |          |          |          |           |
| 24    | 25       | =        |  |   | ┸         |            |          |                 |   |           |          | 75       |                |              |                 |          |          | $\perp$  |              | L   |   |                 | 125        |   |                 |           |           |          |          |          |          |           |
| 25    | 26       | =        |  | L | $\perp$   | ┙          |          |                 |   |           |          | 76       | _              |              |                 |          |          |          | ┙            |   | _ |                 | 126        |   |                 |           |           |          |          |          |          |           |
| 26    | 27       | =        |  | ┸ | $\perp$   | $\perp$    |          |                 |   |           |          | 77       | _              |              |                 |          |          | $\perp$  | $\sqcup$     |   |   |                 | 127        |   |                 |           |           |          |          |          |          |           |
| 27    | 28       | =        |  | L | $\perp$   | _          | _        |                 |   | Ш         |          | 78       |                |              |                 |          |          | $\perp$  | $\perp$      |   |   |                 | 128        |   | Ш               |           |           |          |          |          |          | _         |
| 28    | 29       | =        |  | ┸ | $\perp$   | _          | _        |                 |   |           |          | 79       |                |              |                 |          |          | _        | $\perp$      |   | 1 |                 | 129        |   |                 |           |           |          |          |          | _        |           |
| 29    | 30       | =        |  | ┸ |           | _          | _        |                 |   |           | <u> </u> | 80       |                | <u> </u>     |                 |          | _        | _        | _            |   | 4 | <u></u>         | 130        |   | Ш               | _         |           | Ш        |          | _        |          |           |
| 30    | 31       | =        |  | L | $\perp$   | _          | _        |                 |   |           | <u> </u> | 81       | _              | _            |                 |          | _        | $\perp$  | 4            |   | 1 |                 | 131        |   |                 |           | _         |          |          | _        |          | _         |
| 31    | 32       | =        |  | 1 | _         | 4          |          |                 |   | Ш         |          | 82       |                |              |                 | _        | 4        | 4        | 4            |   | 4 | $\sqcup$        | 132        |   |                 |           |           |          |          | _        | _        |           |
| 32    | 33       | =        | $\vdash \vdash$                                  | ╀ | 4         | 4          | _        | Щ               |   | Щ         | <u> </u> | 83       | <u> </u>       |              |                 | _        | _        | _        | 4            |   | 1 | $\sqcup$        | 133        |   | Щ               | _         |           |          | _        | _        |          | _         |
| 33    | 34       | =        | $\vdash \vdash$                                  | ╀ | 4         | 4          | -        |                 |   | Щ         | <u> </u> | 84       | <u> </u>       |              |                 |          |          | $\dashv$ | 4            | -   | 4 | <b>—</b>        | 134        |   | $\sqcup$        |           | _         |          | _        | _        | _        | _         |
| 34    | 35       | =        | $\vdash \vdash$                                  | ╀ | +         | $\dashv$   | _        | Щ               |   | $\square$ |          | 85       | _              |              | $\vdash$        |          |          | _        | _            | $\perp$   | - | $\vdash$        | 135        |   | $\sqcup$        |           | _         | _        |          | _        |          |           |
| 35    | 36       | =        | $\vdash \vdash$                                  | + | 4         | $\dashv$   |          | Н               |   | _         |          | 86       | <del> </del> — | <u> </u>     | $\dashv$        |          | _        | $\dashv$ | -            | -   | 4 | $\vdash \vdash$ | 136        |   | Ш               | _         |           |          |          | _        | _        | _         |
| 36    | 37       | =        | -  | + | +         | $\dashv$   | $\dashv$ | $\vdash$        |   | Н         | -        | 87       | <u> </u>       | <u> </u>     | $\vdash$        |          |          | -        | 4            | -   | - | $\vdash$        | 137        |   | $\vdash \vdash$ |           | -         | _        |          |          | _        |           |
| 37    | 38       | =        |  | ╀ | +         | $\dashv$   | $\dashv$ | Н               |   | $\vdash$  | -        | 88       | -              | <u> </u>     | $\dashv$        |          |          | -        | 4            |   | - | $\vdash$        | 138        |   | $\vdash \vdash$ |           |           | -1       |          |          |          |           |
| 38    | 39       | =        |  | ╀ | +         | -          | $\dashv$ | $\vdash \vdash$ | _ | -         |          | 89       | <u> </u>       | <u> </u>     |                 |          | -        | -        | $\dashv$     | $-\!$ | - | <b>  </b>       | 139        |   | $\vdash \vdash$ | $\dashv$  | $\square$ | _        | -        |          |          |           |
| 39    | 40       |          | $\vdash \vdash$                                  | ╀ | +         | +          | $\dashv$ | Н               | _ | $\Box$    |          | 90       | <u> </u>       | <del> </del> |                 |          | -        | $\dashv$ | $\dashv$     |   | ┨ | <b></b>         | 140        |   | $\vdash \vdash$ |           | $\square$ | _        | -        |          | _        |           |
| 40    | 41       | =        | $\vdash \vdash$                                  | ╀ | +         | $\dashv$   | -        | Н               |   |           | <b> </b> | 91       |                | <del> </del> | <b></b>         | -        | -+       | $\dashv$ | $\dashv$     | - -   | - | <b> </b>        | 141        |   | $\vdash \vdash$ |           |           | $\Box$   |          |          | _        |           |
| 41    | 42<br>43 | =        | $\vdash \vdash$                                  | + | +         | +          |          | $\vdash\vdash$  |   | $\dashv$  | _        | 92       | -              |              |                 |          | $\dashv$ | $\dashv$ | 4            | +   | - | <u> </u>        | 142        |   | $\vdash \vdash$ |           |           |          | -1       | _        | $\dashv$ | $\dashv$  |
| 42    | 43       |          |  | + | +         | +          | $\dashv$ | Н               |   | $\dashv$  | -        | 93<br>94 |                | ├-           |                 |          | -+       | +        | $\dashv$     |   | ┨ | $\vdash$        | 143        |   | $\vdash \vdash$ |           | -         |          | $\dashv$ | -        |          |           |
| 44    | 45       | =        | <del>   -</del>                                  | + | +         | +          | $\dashv$ | Н               | _ | $\dashv$  |          | 95       | -              | $\vdash$     | $\vdash \dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$     | +   | 4 |                 | 144        |   | $\vdash \dashv$ | $\dashv$  | $\vdash$  | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$  |
| 45    | 46       | =        | ├-├-   | ╁ | +         | $\dashv$   |          | Н               |   | -         | -        | 96       | ├              | $\vdash$     | $\dashv$        |          | -+       | +        | +            |   | 4 | <b></b>         | 145<br>146 |   | $\vdash \vdash$ |           | $\vdash$  | $\vdash$ | $\vdash$ | $\dashv$ | -        |           |
| 45    | 46       | =        | <del>                                     </del> | + | +         | +          |          | Н               | - | H         | -        | 96       | -              | $\vdash$     | $\vdash$        |          | -        | $\dashv$ | $\dashv$     |   | 4 |                 |            |   | $\vdash$        | $\dashv$  | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$  |
| 47    | 48       | -        | <del>                                     </del> | + | +         | +          | $\dashv$ | Н               | _ | $\dashv$  | -        | 98       | -              | <u> </u>     | $\vdash$        | -+       |          | $\dashv$ |              |   | 4 |                 | 147<br>148 |   | $\vdash$        | $\dashv$  |           | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$  |
| 48    | 49       | =        | <del>                                     </del> | ╁ | +         | $\dashv$   |          | Н               |   | $\vdash$  | -        | 99       | -              | ⊢            | $\vdash$        |          | $\dashv$ | $\dashv$ | -            |   | ┨ | $\vdash$        | 148        |   | H               |           | -         | $\vdash$ |          | $\dashv$ | $\dashv$ |           |
| 49    | 50       | -        | $\vdash$   | + | +         | +          | $\dashv$ | $\vdash\vdash$  |   | $\dashv$  |          | 100      |                | ┢            | $\vdash$        |          | $\dashv$ | $\dashv$ | 4            | $\dashv$  | 1 | $\vdash$        | 150        | _ | ⊢┼              | $\dashv$  |           |          | $\vdash$ |          | $\dashv$ | $\dashv$  |
| 73    | JU       | <u> </u> | Щ_   | L |           |            | 1        | Щ.              |   | لــا      | L        | 1100     | L              | Ц            | ш               |          |          |          |              |   | L |                 | 130        |   | Ш               |           |           |          |          |          |          |           |